

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. LYNN/0096

First Inventor Craig C. Andrews

Title A Mechanical Refrigeration System With A High Turndown Ratio

Express Mail Label No. EV048785064US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- 1.
- 
- Fee Transmittal Form (e.g., PTO/SB/17)
- 
- (Submit an original and a duplicate for fee processing)

- 2.
- 
- Applicant claims small entity status.
- 
- See 37 CFR 1.27.

- 3.
- 
- Specification [Total Pages 25]
- 
- (preferred arrangement set forth below)
- 
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

- 4.
- 
- Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]

5. Oath or Declaration [ Total Pages ]

- a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
- b.  (for continuation/divisional with Box 18 completed)

- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

- 6.
- 
- Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No. 60 , 474,516

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |  |           |              |   |
|---|--|-----------|--------------|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 24945<br>(Insert Customer No. or Attach bar code label here) |           | or           | <input type="checkbox"/> Correspondence address below |
| Name  | STREETS & STEELE   |           |              |   |
| Address   | 13831 Northwest Freeway, Suite 355                           |           |              |   |
| City  | Houston  | State     | Texas        | Zip Code  |
| Country   | US   | Telephone | 713-939-9444 | Fax   |

|                   |                           |                                   |                 |
|-------------------|---------------------------|-----------------------------------|-----------------|
| Name (Print/Type) | Jeffrey L. Streets        | Registration No. (Attorney/Agent) | 37,453          |
| Signature         | <i>Jeffrey L. Streets</i> |                                   | Date 08/27/2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

22389 U.S.P.T.O.

10/6/2003



08/27/03

**UNITED STATES NON-PROVISIONAL PATENT APPLICATION**

**FOR**

**A MECHANICAL REFRIGERATION SYSTEM  
WITH A HIGH TURNDOWN RATIO**

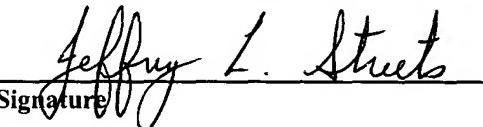
**INVENTORS:**

**Craig C. Andrews**

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. EV048785064US, in an envelope addressed to Box Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date below.

Jeffrey L. Streets  
Name of Registered Representative

  
Signature

August 27, 2003  
Date of Signature